Title (en)
Apparatus and method for flexible data rate matching

Title (de)
System und Verfahren zur flexiblen Anpassung der Datenrate

Title (fr)
Dispositif et méthode d'adaptation flexible de débit de données

Publication
**EP 1324528 A1 20030702 (EN)**

Application
**EP 01131055 A 20011231**

Priority
EP 01131055 A 20011231

Abstract (en)
This invention relates to a flexible rate matching method, comprising the steps of (a) receiving a continuous stream of data items at a prespecified rate of a clock signal in a configurable data shift register, (b) storing, for each data item stored in the data shift register, an associated indication of validity in a configurable validity shift register and shifting the indications of validity at said prespecified rate, (c) modifying the contents of the data shift register and the validity shift register through puncture/repetition operations so as to achieve a rate matching, and (d) outputting valid data items at said prespecified rate using said indications of validity stored in the validity shift register. The invention also relates to a corresponding flexible rate matching apparatus as well as to a computer program product and a processor program product. <IMAGE>

IPC 1-7
**H04L 1/08**

IPC 8 full level
**H04L 1/00** (2006.01); **H04L 1/08** (2006.01)

CPC (source: EP US)
**H04L 1/0043** (2013.01 - EP US); **H04L 1/0069** (2013.01 - EP US); **H04L 1/08** (2013.01 - EP US); H04L 1/0071 (2013.01 - EP US)

Citation (search report)
- [A] WO 9931808 A1 19990624 - SICOM INC [US], et al
- [A] US 4908827 A 19900313 - GATES JOHN [US]
- [A] US 4462101 A 19840724 - YASUDA YUTAKA [JP], et al
- [A] US 5566189 A 19961015 - LASKOWSKI PAUL J [US]
- [A] US 6014411 A 20000111 - WANG CHARLES C [US]

Cited by
EP1826937A1; EP2150001A1; US8446300B2; US7975210B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
**EP 1324528 A1 20030702**; AU 2002340913 A1 20030715; BR 0215379 A 20041207; EP 1464135 A1 20041006; EP 1464135 B1 20130710; US 2005105605 A1 20050519; US 7437655 B2 20081014; WO 03056743 A1 20030710

DOCDB simple family (application)
**EP 01131055 A 20011231**; AU 2002340913 A 20020918; BR 0215379 A 20020918; EP 0210448 W 20020918; EP 02774625 A 20020918; US 50053804 A 20041216